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(54) Preparation process of aliphatic polyester

(57) The invention relates to a preparation process of aliphatic polyester, comprising using an ion exchange resin as a drying agent and after the dehydration polycondensation reaction, regenerating and drying the used ion exchange resin and repeatedly using said ion exchange resin in the next dehydration polycondensation reaction, in a process for preparing aliphatic polyester from one or more aliphatic compound (A) by heating in an organic solvent in the presence of a catalyst, distilling a generated water containing organic solvent out of the reaction system, treating the distilled organic solvent with a drying agent, and returning the treated solvent to the reaction system to progress a dehydration polycondensation reaction.

The process of the invention enables to steadily and efficiently prepare in industry an aliphatic polyester having an excellent color tone, high molecular weight and high quality.



EUROPEAN SEARCH REPORT

Application Number EP 97 11 4395

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